

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A wireless control system for customizing a wireless control signal for a remote electronic system based on the location of the wireless control system, comprising:

a transmitter circuit configured to transmit the wireless control signal having control data which will control the remote electronic system;

an interface circuit configured to receive navigation data from a navigation data source;
and

a plurality of user actuatable input devices; and

a control circuit coupled to the transmitter circuit and the interface circuit configured to receive a transmit command, to receive navigation data, to determine a current location based on the navigation data, and to command the transmitter circuit to transmit a wireless control signal associated with at least one of the user actuatable input devices when the at least one user actuatable input device is actuated, the control circuit being configured to provide the wireless control signal based on the current location.

2-3. (Cancelled)

4. (Original) The wireless control system of claim 1, wherein the control circuit is operable in a training mode to record location data and wireless control signals in sets of data pairs, wherein each set of data pairs represents a location proximate to a remote electronic system associated with the wireless control signal stored in the data pair.

5. (Original) The wireless control system of claim 4, wherein the control circuit is configured to search a plurality of data pairs to compare a current location to the location proximate to the remote electronic system stored in each data pair, and the control circuit is configured to command the transmitter to transmit the wireless control signal from a data pair when a location proximate to the remote electronic system for that data pair is proximate to the current location.

6. (Original) The wireless control system of claim 1, further comprising a receiver circuit configured to receive a wireless signal, wherein the control circuit is configured to identify and store a data code on the wireless signal, wherein the wireless control signal transmitted by the transmitter circuit includes the stored data code.

7. (Original) The wireless control system of claim 6, wherein the control circuit is further configured to automatically associate a location with the stored data code and to store the location in a data pair with the stored data code.

8. (Currently Amended) A method of training a wireless control system on a vehicle for wireless control of a remote electronic system based on the location of the vehicle, comprising:

automatically storing data associated with a signal for controlling a remote electronic system transmitted in proximity to the wireless control system;

~~receiving a request to begin training from a user;~~

receiving a current location for the vehicle;

providing control data for a signal to be sent wirelessly for the remote electronic system based on the automatically stored data; and

associating the current location for the vehicle with the wireless control signal for the remote electronic system.

9. (Original) The method of claim 8, wherein the request to begin training is received via a pushbutton.

10. (Original) The method of claim 8, further comprising receiving an indication from the user as to which of a plurality of wireless control signals is to be transmitted based on the location of the vehicle.

11. (Original) The method of claim 8, further comprising: receiving a wireless signal having a data code; and identifying and storing the data code on the wireless signal, whereby the wireless control system can wirelessly control the remote electronic system by transmitting the data code of the wireless signal.

12. (Currently Amended) A method of transmitting a wireless control signal for controlling a remote electronic system based on the location of a vehicle, comprising:

receiving an input from an input device indicative of a request to transmit a wireless control signal;

receiving a current location for the vehicle;

comparing the current location of the vehicle with a plurality of stored locations associated with the user input device, each location associated with a wireless control signal;

determining the wireless control signal associated with the stored location closest to the current location; and

transmitting the wireless control signal associated with the stored location closest to the current location.

13. (Original) The method of claim 12, wherein transmitting the wireless control signal associated with the stored location closest to the current location includes transmitting the wireless signal only upon determining that the current location is within a predefined distance of the stored location.

14. (Original) The method of claim 12, wherein the control data is configured to control a garage door opener.

15. (Original) The method of claim 12, wherein the step of transmitting includes transmitting a plurality of wireless control signals having different control data which will control a plurality of remote electronic systems when the comparing the current location of the vehicle with a listing of stored locations indicates that the vehicle is near the remote electronic systems.

16. (Original) The method of claim 12, wherein the navigation data source is a vehicle compass.

17. (Currently Amended) A transmitter for wirelessly controlling a plurality of remote electronic systems at one of a plurality of locations, comprising:

a memory configured to store a plurality of control data messages and a plurality of locations, each control data message configured to control a different remote electronic system, the memory configured to associate each location with a plurality of control data messages;

a transmitter circuit; and

a control circuit configured to command the transmitter circuit to transmit a plurality of wireless control signals in response to ~~a single event~~ an actuation of a user-actuatable input

device, each wireless control signal containing a different control data message, the plurality of wireless control signals sent in response to the actuation of the input device being based on a location of the transmitter.

18-22. (Cancelled)

23. (Original) The transmitter of claim 17, wherein the control circuit is configured to be programmed by the user as to which of the wireless control signals are to be transmitted in response to the single event.

24. (Original) The transmitter of claim 17, further comprising a plurality of operator-actuable switches coupled to the control circuit, wherein the control circuit is user-programmable such that a first of the switches causes the transmitter to send a first wireless control signal and a second of the switches causes the transmitter to send second and third wireless control signals simultaneously or in sequence.

25. (New) The transmitter of claim 1, wherein

the at least one of the user actuable input devices is associated with a plurality of different locations, each different location associated with at least one different wireless control signal; and

the control circuit is configured to transmit the wireless control signal that is associated with the at least one of the user actuable input devices that is associated with the current location.

26. (New) The transmitter of claim 1, wherein transmitting the wireless control signal based on the current location comprises only transmitting the wireless control signal if the current location is within a proximity to a location associated with the wireless control signal.

27. (New) The transmitter of claim 26, wherein the control circuit is configured to provide an indicator if current location is not in proximity to a location associated with a wireless control signal associated with the at least one of the user actuatable input devices.

28. (New) The wireless control system of claim 1, further comprising a vehicle interior element coupled to the transmitter circuit and the control circuit, wherein the wireless control system is configured for mounting in a vehicle interior.

29. (New) The method of claim 8, further comprising receiving a user input indicative of a request to train the wireless control system, wherein providing control data for a signal to be sent wirelessly for the remote electronic system comprises providing the control data only in response to the user input.

30. (New) The method of claim 29, wherein providing the control data only in response to the user input comprises providing the control data only in response to the user input when the user input is received in proximity to the current location.

31. (New) The transmitter of claim 17, further comprising a vehicle interior element coupled to the transmitter circuit and the control circuit, wherein the transmitter is configured for mounting in a vehicle interior.